Egg Incubator LX550EI

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Description

Egg Incubator LX550EI is suitable for incubating chicken, dove, goose, and duck eggs, with a capacity of 168 pcs egg trays and 3 trolleys. It features a fully automated, computer-controlled system with a built-in microprocessor and high-precision temperature and humidity sensors. The unit includes four display screens two for real-time monitoring and two for setting egg turning frequency and hatch period duration.

Specifications

Capacity	14784 Eggs
Temperature display range	0 - 99°C
Environment temperature	-20 to 70°C
Temperature precision	± 0.1°C
Humidity display range	0 - 99 % RH
Relative humidity	Less than 85 %
Humidity control precision	± 3 % RH
Number of turns	Max 999
Turn period	0 - 999 min adjustable (default 90 min)
Air refreshing period	0 - 999 min adjustable (default 120 min)
Length of measurement line	1.5 meters
Output channels	6 Channels (main heater, backup heater, fan, turn left, turn right, and air refresher)
Output current	30 A for both main and backup heater, while 10 A for others
Working voltage	AC 180 V - 240 V, 50 Hz
Power	4500 W
External dimension	2780 x 1900 x 2400 mm
Net weight	680 Kg
Packing dimension	1850 x 1900 x 2150 mm 950 x 1900 x 2200 mm

Gross weight	460 Kg 250 Kg

Features

- Equipped with 168-egg capacity trays and 3 trolleys
- Supports both automatic and custom incubation modes
- Integrated constant temperature system maintaining heat during power outage
- Built-in alarm function alerts users if sensors are faulty
- Includes multiple ventilation openings
- Water must be injected into the water basin for proper humidity
- Heating tube, humidifying tube, controller, fan and egg lighter work together to maintain precise temperature, humidity, airflow

Applications

- It is widely used in commercial hatcheries to provide precise temperature, humidity, and turning for consistent embryo development.

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